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› ZENY Airbrush Kit with Compressor Instruction Manual

ZENY AB-130A-0.4

ZENY Airbrush Kit with Compressor Instruction Manual

MODEL: AB-130A-0.4

1. Introduction

This manual provides comprehensive instructions for the safe and effective use of your ZENY Airbrush Kit with Compressor. This versatile dual-action airbrush system is designed for a wide range of applications, including makeup, painting, temporary tattoos, nail art, and cake decorating. Please read this manual thoroughly before initial use to ensure proper setup, operation, and maintenance.

2. Package Contents

Upon unpacking, please verify that all the following components are included in your ZENY Airbrush Kit:

- 1x TC-100 Black Mini Air Compressor
- 1x Model AB-130A-0.4 Dual-action Airbrush Set (with 0.4 mm needle/nozzle and 7cc gravity feed fluid cup)
- 1x Airbrush Air Hose
- 1x 110V AC Adapter
- 1x Airbrush Holder
- Nozzle Wrench and 2 cc Eye Dropper



Figure 2.1: All components of the ZENY Airbrush Kit. This image displays the black mini air compressor, the dual-action airbrush gun, the air hose, the power adapter, and small accessories like a nozzle wrench and eye dropper.

3. Technical Specifications

Component	Specification
Air Compressor Model	TC-100
Air Compressor Input	12V DC, 0.8Amp
Max Pressure	25 PSI
Air Output	10L/Min
Airbrush Model	AB-130A-0.4

Component	Specification
Airbrush Type	Dual-Action, Gravity Feed
Needle/Nozzle Size	0.4 mm
Fluid Cup Capacity	7 cc (with lid)
Power Source	Corded Electric
Noise Level	30 dB
Product Dimensions	8.27 x 5.43 x 5.91 inches
Item Weight	2.49 pounds



Figure 3.1: Rear view of the TC-100 Mini Air Compressor, displaying its model number, input voltage, pressure, and air output specifications.

4. Setup Instructions

Follow these steps to set up your airbrush kit for first use:

1. **Unpack Components:** Carefully remove all items from the packaging. Inspect for any damage.
2. **Connect Air Hose:** Attach one end of the air hose to the air outlet port on the mini air compressor. Ensure a secure connection.
3. **Connect Airbrush:** Connect the other end of the air hose to the air inlet on the bottom of the airbrush gun. Tighten gently to

prevent air leaks.

4. **Install Airbrush Holder:** If desired, insert the airbrush holder into the designated slot on top of the compressor for convenient storage during breaks.
5. **Connect Power Adapter:** Plug the 110V AC adapter into the power input jack on the compressor. Then, plug the adapter into a standard electrical outlet.
6. **Adjust Pressure (Optional):** The compressor has an air flow adjustment control. Turn the knob clockwise for higher pressure and counter-clockwise to reduce pressure. Start with a moderate setting and adjust as needed for your application.



Figure 4.1: Lay out all components before assembly. This image shows the airbrush, compressor, hose, and power adapter ready for connection.

5. Operating Instructions

Your ZENY airbrush features a dual-action trigger for precise control over air and fluid flow.

1. **Power On:** Press the red power button on the compressor to turn it on. The compressor will begin to build pressure.

2. **Prepare Fluid:** Ensure your chosen fluid (e.g., watercolor pigments, inks, dyes, acrylics, automotive urethanes, lacquers, enamels) is properly thinned for airbrushing. Pour the fluid into the 7cc gravity feed fluid cup on top of the airbrush.
3. **Air Only:** To release air only (useful for drying surfaces or clearing the nozzle), press the dual-action trigger down vertically.
4. **Air and Fluid Spray:** To spray both air and fluid, press the trigger down vertically and then pull it back. The further you pull back, the more fluid will be released, allowing for a wider spray pattern.
5. **Adjusting Spray Pattern:** The adjusting screw at the back of the airbrush allows you to pre-set the maximum needle travel, controlling the spraying thickness. Turn clockwise for a finer line and counter-clockwise for a thicker line.
6. **Practice:** It is recommended to practice on scrap material to get accustomed to the airbrush's feel and adjust settings for desired results.

6. Maintenance and Cleaning

Proper cleaning and maintenance are crucial for the longevity and optimal performance of your airbrush kit. Always clean the airbrush immediately after each use.

1. **Empty Fluid Cup:** Empty any remaining fluid from the gravity feed cup.
2. **Rinse:** Fill the cup with an appropriate cleaning solution (water for water-based paints, or a specific airbrush cleaner for other types). Spray the cleaner through the airbrush until it runs clear.
3. **Back-Flush:** Place your finger over the nozzle cap and pull back the trigger. This will force air back into the fluid cup, creating bubbles that help clean the inside of the cup and needle area. Repeat several times.
4. **Disassemble (Periodically):** For thorough cleaning, especially if paint has dried inside, carefully disassemble the airbrush. Refer to the included diagram for component breakdown. Clean the needle, nozzle, and fluid passages with appropriate brushes and cleaning solutions.
5. **Lubrication:** Apply a small amount of airbrush lubricant to the needle and trigger mechanism as needed to ensure smooth operation.
6. **Compressor Care:** The TC-100 compressor is maintenance-free and oil-less. Keep it clean and free from dust. Ensure proper ventilation during use.

7. Troubleshooting

If you encounter issues with your airbrush kit, try these common solutions:

Problem	Possible Cause	Solution
No Air Flow	Compressor off; hose disconnected; clogged nozzle.	Ensure compressor is on and plugged in; check hose connections; clean nozzle.
No Fluid Spray	Clogged nozzle/needle; paint too thick; empty fluid cup.	Thoroughly clean airbrush components; thin paint appropriately; refill fluid cup.
Inconsistent Spray Pattern	Partially clogged nozzle; bent needle; improper pressure.	Clean airbrush; inspect needle for damage; adjust compressor pressure.
Air Bubbles in Fluid Cup	Loose nozzle; damaged nozzle/needle.	Tighten nozzle; inspect and replace damaged parts if necessary.

8. Warranty and Support

ZENY is committed to providing high-quality products and satisfactory services. For specific warranty details, product support, or to inquire about replacement parts, please contact ZENY customer service directly. Contact information can typically be found on

the product packaging or the official ZENY website.

For additional resources and product information, you may visit the [ZENY Store on Amazon](#).